

REMARKS

In accordance with the foregoing, claims 15 and 16 have been cancelled without prejudice or disclaimer, and claims 1, 6, 7, 8, 12, 13, 14, 19, 23, 24, and 25 have been amended.

Accordingly, claims 1-14 and 17-25 are pending and under consideration.

Rejection of Claims 6, 7, 12-14, and 23-25 Under 35 U.S.C. §112, second paragraph

Claims 6, 7, 12-14, and 23-25 are rejected under 35 U.S.C. §112, second paragraph as being indefinite.

Applicant amends claims 6, 7, 12-14, and 23-25 to obviate this rejection. Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 1-5, 8-11, and 17-22 under 35 U.S.C. §102(b)

Claims 1-5, 8-11, and 17-22 are rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,153,719 issued to Ibenthal. This rejection is respectfully traversed.

Applicant amends independent claim 1 to include the features of claim 15. As noted on page 8 of the Office Action, claim 15 includes allowable features.

Applicant respectfully submits that Ibenthal does not disclose, teach, or suggest at least, "a demultiplexer to store corresponding motion vectors at positions allocated in the motion vector buffer to respective lines based on inputted line number information," as recited in independent claim 1. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited reference.

Claims 2-5 and 17 depend from claim 1 and include all of the features of claim 1 plus additional features not taught or suggested by the cited reference. Therefore, for at least these reasons, claims 2-5 and 17 also patentably distinguish from the cited reference.

Applicant amends independent claim 8 to include the features of claim 16. As noted on page 8 of the Office Action, claim 16 includes allowable features.

Applicant respectfully submits that Ibenthal does not disclose, teach, or suggest at least, "storing corresponding motion vectors at positions allocated to respective lines based on inputted line number information," as recited in independent claim 8. Therefore, for at least these reasons, claim 8 is patentably distinguishable from the cited reference.

Claims 9-11 and 18 depend from claim 8 and include all of the features of claim 8 plus additional features not taught or suggested by the cited reference. Therefore, for at least these reasons, claims 9-11 and 18 also patentably distinguish from the cited reference.

Applicant amends independent claim 19 to include the features of claim 16. As noted on page 8 of the Office Action, claim 16 includes allowable features.

Applicant respectfully submits that Ibenthal does not disclose, teach, or suggest at least, "storing corresponding motion vectors at positions allocated to respective lines based on inputted line number information," as recited in independent claim 19. Therefore, for at least these reasons, claim 19 is patentably distinguishable from the cited reference.

Claims 20-23 depend from claim 19 and include all of the features of claim 19 plus additional features not taught or suggested by the cited reference. Therefore, for at least these reasons, claims 20-23 also patentably distinguish from the cited reference.

Accordingly, withdrawal of this rejection is respectfully requested.

Objection to Claims 15 and 16

The Office Action objects to claims 15 and 16 for being dependent on a rejected base claim. Claims 15 and 16 have been cancelled without prejudice or disclaimer. Withdrawal of this objection is respectfully requested.

Summary

Claims 1-14 and 17-25 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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